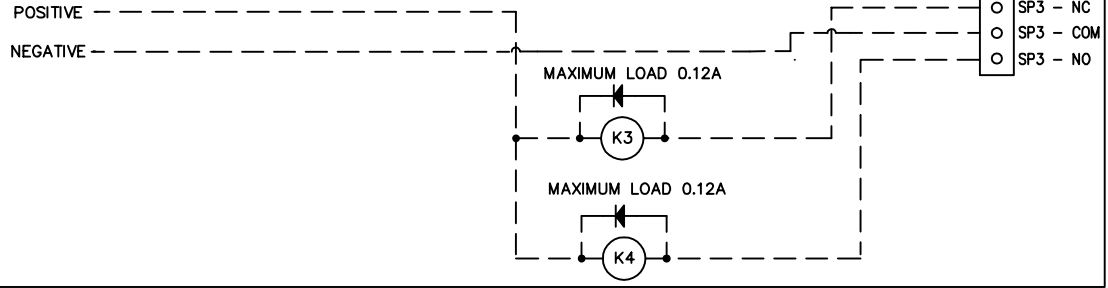


NOTES:

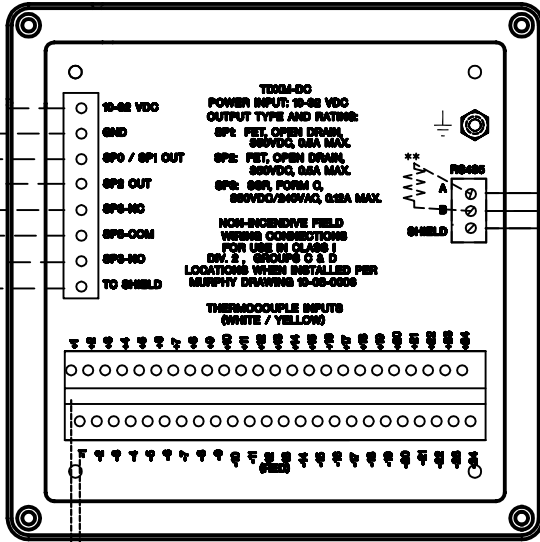
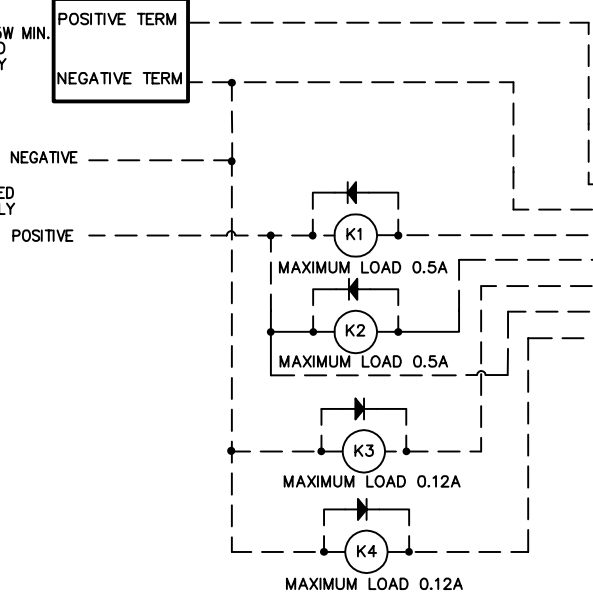
- SHIELDED THERMOCOUPLE LEADS ARE RECOMMENDED. SHIELD DRAIN WIRE MAY BE CHASSIS GROUNDED OR CONNECTED TO "TC SHIELD" INPUT TERMINAL AS SHOWN. DRAIN WIRE MUST BE UNGROUNDED WHEN CONNECTED TO "TC SHIELD" INPUT.
- ALWAYS ROUTE THERMOCOUPLE LEADS SEPARATE FROM ALL OTHER WIRING.
- CUSTOMER FIELD WIRING CONNECTIONS TO BE INSTALLED IN ACCORDANCE WITH THE NEC CODE FOR CLASS I, DIV 2, GRPS C AND D HAZARDOUS LOCATIONS.
- OPTIONAL SP3 CONNECTION. SP3 COM CONNECTED TO POWER SUPPLY NEG.

NOTE 4

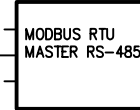


10-32VDC, 2.5W MIN.
USER SUPPLIED
POWER SUPPLY

10-350VDC
USER SUPPLIED
POWER SUPPLY



MODBUS RTU
SLAVE SERIAL
PORT OTHER NODES
A
B
SHD



** = 120 OHMS TERMINATING
RESISTOR FOR LAST NODE

CASE GROUNDING STUD - EQUIP. GROUND

- WARNING -
EXPLOSION HAZARD, DO NOT
DISCONNECT WHILE CIRCUIT
IS LIVE UNLESS AREA IS
KNOWN TO BE
NON-HAZARDOUS.

USE ONLY 120 OHMS CHARACTERISTIC
CABLE SUCH AS BELDIN 9841 OR 31305
AS SPECIFIED IN EIA RS-485 STANDARD

CONNECT SHIELD DRAIN WIRE AT ONE END ONLY

AVERTISSEMENT - RISQUE
D'EXPLOSION. NE PAS
DEBRANCHER TANT QUE LE
CIRCUIT EST SOUS TENSION,
A MOINS QU'IL NE S'AGISSE
D'UN EMPLACEMENT NON
DANGEREUX.

SHIELD DRAIN WIRE
(INSULATE FROM GND)
OR GROUND DRAIN WIRE
(DO NOT CONNECT TO "TC SHIELD")

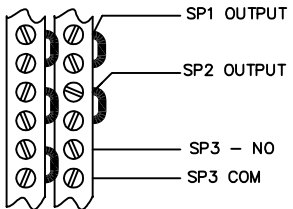
JUNCTION BOX

HIGH TEMPERATURE
WIRE NUTS

GROUNDED OR UNGROUNDED THERMOCOUPLES MAY BE USED.
UNGROUNDED THERMOCOUPLES ARE HIGHLY RECOMMENDED.
GROUNDED THERMOCOUPLES IN DEVICES WITH DIFFERENT GROUND POTENTIALS
MAY RESULT IN ERRORS IN READINGS OUTSIDE OF SPECIFICATIONS.

NON-INCENDIVE FIELD
WIRING TYPICAL FOR ALL
24 THERMOCOUPLE
INPUTS. ROUTE LEADS
SEPARATE FROM ALL
OTHER WIRING.

TYPICAL WIRING CONNECTIONS
FOR TDXM TO TTD SERIES OR
MARK III ANNUNCIATORS.



OUTPUTS SP1, SP2, AND SP3 CAN BE CONNECTED
TO OPERATE RELAYS, LIGHTS, CONTROLLER INPUTS,
ANNUNCIATOR INPUTS, OR TATTLETALE INDICATORS.

RELAYS SHOWN AS LOADS ARE TYPICAL CONNECTION
DEPICTIONS THAT CAN BE APPLIED TO OTHER LOADS
SUCH AS CONTROLLER OR PLC INPUTS.

D	REVISED SILKSCREEN LETTERING FROM: 350VAC/VDC _
	TO: 350VAC/240VDC _
	ECR #02-0745 (DPMC)(08-27-02) DMc
REV.	CHANGES MADE
DRAWN BY: JAD	E.R.NO. 02-0439
DATE: 5/29/02	CHKD. BY: JAD APPD. BY: RH
MODEL: INSTALLATION DIAGRAM TDXM-DC	
DRAWING NO.	SIZE REV.
10-08-0006	C D